

Title (en)

Device and method for the dilution and preparation of antiproliferative drugs

Title (de)

Vorrichtung und Verfahren zur Verdünnung und Herstellung von antiproliferativen Arzneimitteln

Title (fr)

Dispositif et procédé de dilution et de préparation de médicaments antiprolifératifs

Publication

EP 2001431 B1 20160330 (EN)

Application

EP 06795207 A 20060804

Priority

- IB 2006002134 W 20060804
- IT MO20060097 A 20060324

Abstract (en)

[origin: WO2007110684A1] A device (1) and a method for the dilution and preparation of antiproliferative drugs, the device comprises a drug preparation unit (3) connected to controlling means (4) ; the drug preparation unit (3) comprises a first central tank (8), in which there is a solvent, typically a physiological and/or glucosate solution, a first positive-displacement pump (9) , an emptying unit (10) connected to positioning and locking means (14) provided with a housing suitable for receiving various dimensions and formats of bottles of drug (11) ; the first positive-displacement pump (9) transfers in a dosed manner the solvent from the central tank (8) to the bottle (11) , and in succession from the bottle (11) to a further tank (22) of semifinished drug; the diluted drug solution in the further tank (22) is then transferred to a container (31) of prepared drug in a determined quantity for infusion into a patient.

IPC 8 full level

A61J 3/00 (2006.01); **B65B 3/00** (2006.01)

CPC (source: EP US)

A61J 3/002 (2013.01 - EP US); **A61P 35/00** (2017.12 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

WO 2007110684 A1 20071004; AU 2006341106 A1 20071004; BR PI0621486 A2 20111213; BR PI0621486 B1 20180522; BR PI0621486 B8 20210622; CA 2647304 A1 20071004; CN 101442972 A 20090527; CN 101442972 B 20120711; EP 2001431 A1 20081217; EP 2001431 B1 20160330; ES 2577534 T3 20160715; IT MO20060097 A1 20070925; JP 2009530363 A 20090827; RU 2008142110 A 20100427; RU 2408358 C2 20110110; US 2009165886 A1 20090702; US 8127804 B2 20120306

DOCDB simple family (application)

IB 2006002134 W 20060804; AU 2006341106 A 20060804; BR PI0621486 A 20060804; CA 2647304 A 20060804; CN 200680054624 A 20060804; EP 06795207 A 20060804; ES 06795207 T 20060804; IT MO20060097 A 20060324; JP 2009500942 A 20060804; RU 2008142110 A 20060804; US 29410606 A 20060804